Use Attainability Analysis

for

WBID 1201 Macks Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Field Data Sheets for Recreational Use Stream Surveys

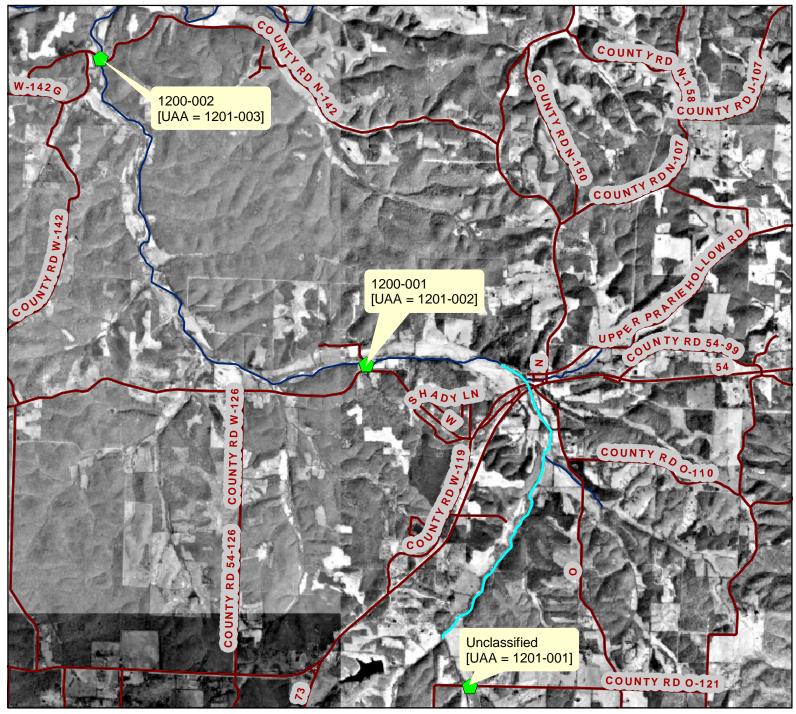
Data Sheet A - Water Body Identification

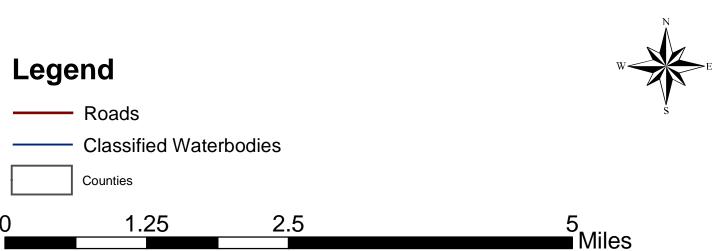
WATER PROTECTION PROGRAM

	8-digit HUC: 10290110
	Missouri WBID #: 120 [
	County: Campen
	Upstream Legal Description: Mill School Cd.
	Downstream Legal Description:
	Upstream Coordinates: N31.92831 W092.94986
	Downstream Coordinates: N38.00867 W093.03913
	Discharger Facility Name(s): Macks Creek Sr Citizen HS
	Discharger Permit Number(s): MO 0109452
	Number of Sites Evaluated: 3
	Name of Surveyor and Telephone Number: Aaron Ble. bourn 816.622.7018
	Organization: Mo DNR - KCRO
	Position: Env. Specialist
•	
	he undersigned, hereby affirm to the best of my knowledge, that all information reported on th
	asheet is true and accurate.

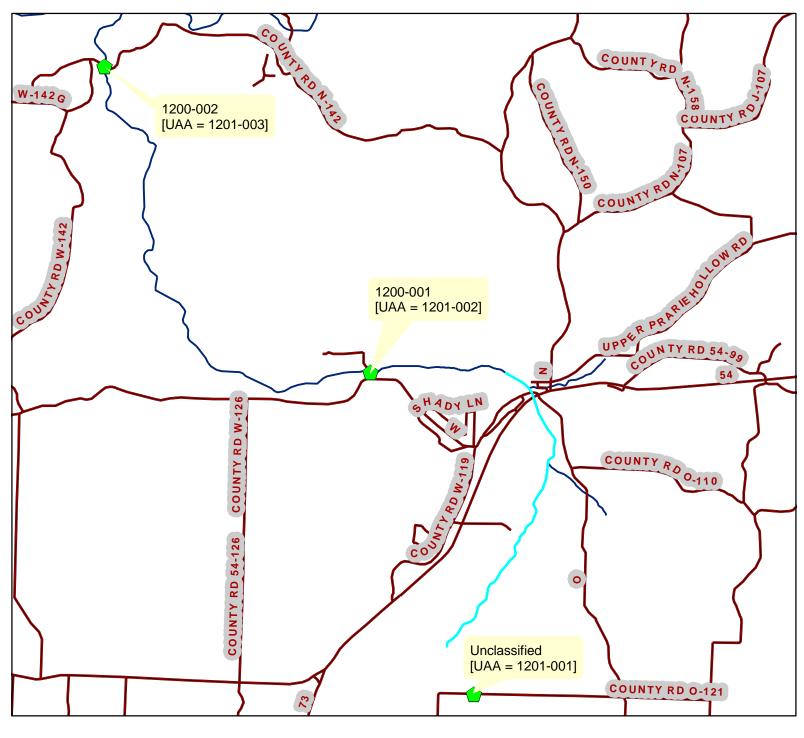
I,

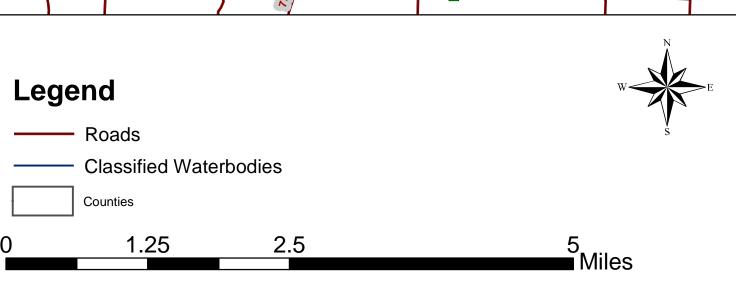
Macks Creek (Unclassified, #1201, #1200) Camden County

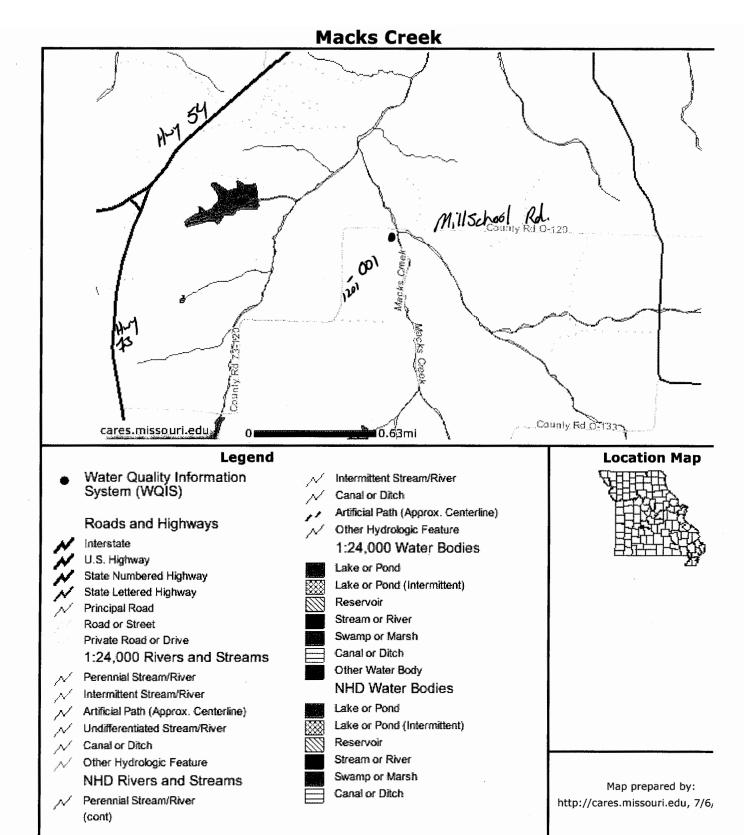


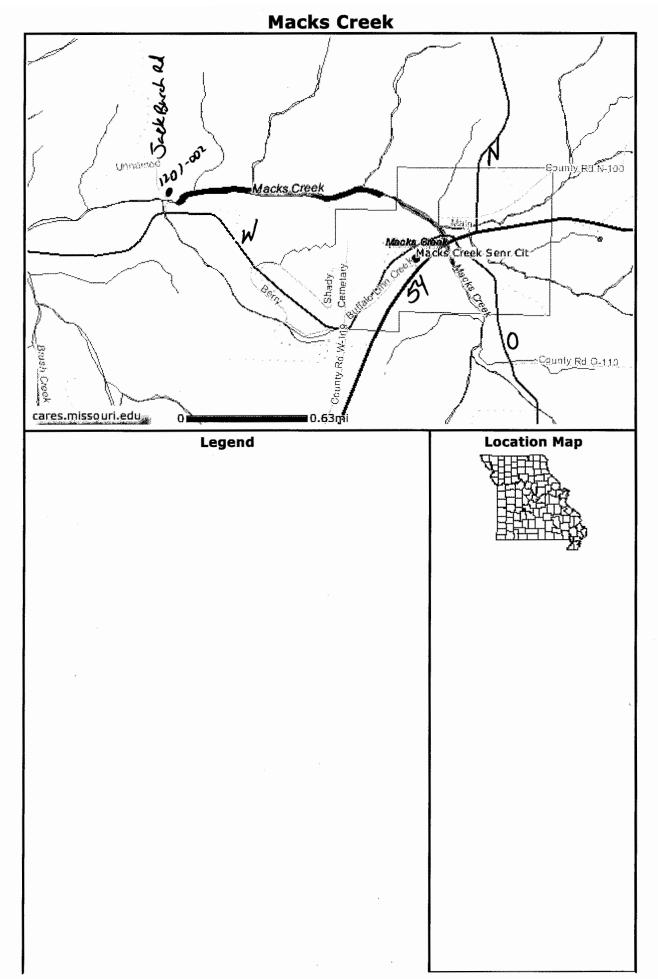


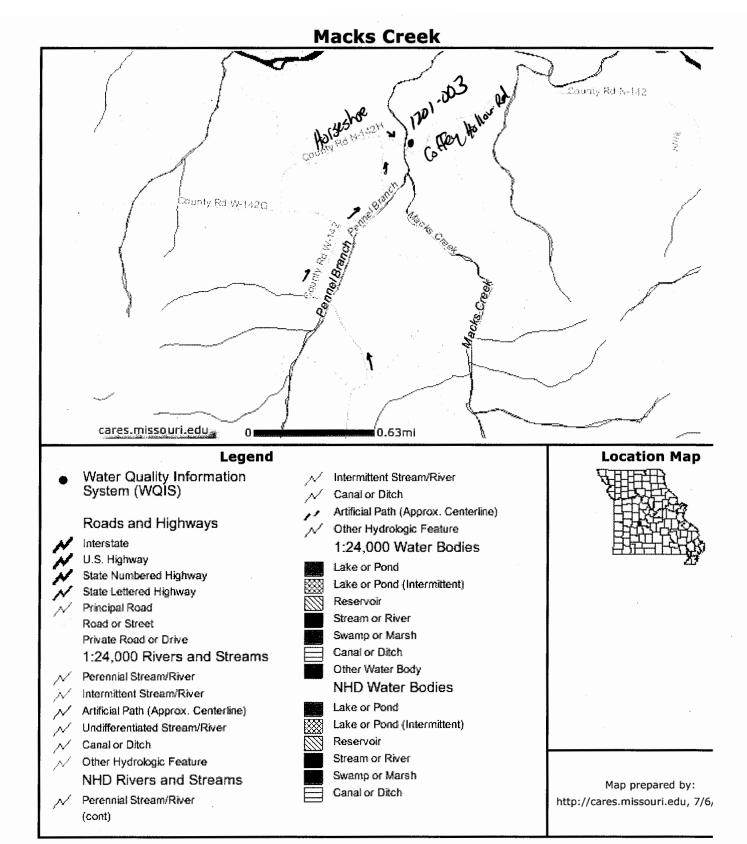
Macks Creek (Unclassified, #1201, #1200) Camden County











Data Sheet B - Site Characterization

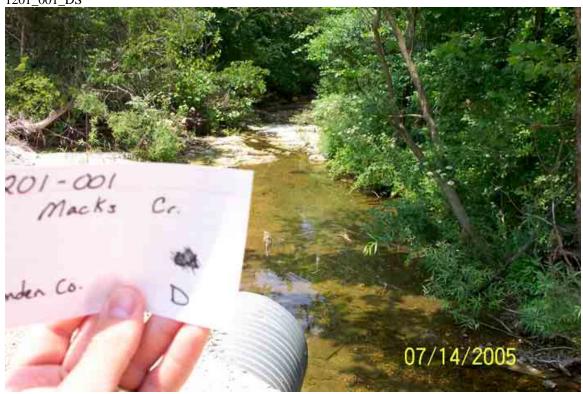
(A separate data sheet must be completed for each site)

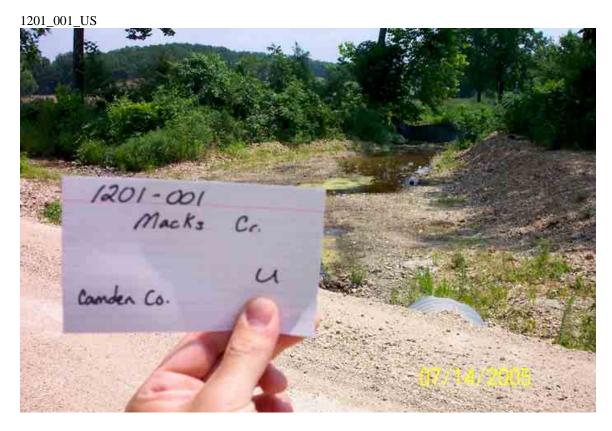
Missouri WBID#;	1201-001		Site Location I	.1 //	én Co.
Site GPS Coordinates:	134.92831 W	292.91781	Mill Scho	s(R) Lama	gn Lo.
Date & Time: 7/14		f PM	Facility Name:	Macks Creek S	Citizen HS
Personnel:	4.1		Permit Number		
Current Weather Condit		87°F	Weather Condi	*****	+ Dry
Photo Ids: Upstream:	4 ' "	vnstream: 77	Oth		7
	, ,, ,, ,,				
s <u>es Observed*:</u>					
Swimming	Skin diving	□ sct	JBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boa	ting	Wading	Rafting
Hunting	Trapping	☐ Fish	uing	None of the above	Other:
Describe: (include numb	er of individuals rec	reating, freque	ncy of use, photo	o-documentation of evidence	of recreational uses, etc.)
rrounding Condition	18*: (Mark all that J	promote or imp	ede recreational	uses. Attach photos of evide	nce or unusual
City/county parks	Playgrounds	MDC con	servation lands	Urban areas	Campgrounds
☐ Boating accesses	State parks	☐ National i		☐ Nature trails	Stairs/walkway
☐ No trespass sign	Fence	Steep slop	ocs	Other: Pasture, 1	<u> </u>
·		,	•	Timbe	مر <u>ا در </u>
idence of Human Us	e*:	<u> </u>			
Roads	Foot paths/pri		ock/platform	Livestock Watering	RV / ATV Tracks
Rope swings	Camping Sites	Fi:	re pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
Other:					
te Locations Map(s): her items that may be	Attach a map of of interest. (Inclu	entire segme ade photogra	ent with assess phs)	sment sites clearly label	ed. Mark any

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Pa	ge Two – '	WBID # <u> </u> 20 10	O Data She	et B - Site Character	ization		
Str	ream Mor						
1	Riffle	Width (ft):	Length (ft):	Avg. Depth ((ft):	Max. Depth	(ft):
	Run	Width (ft):	Length (ft):	4 .	, ,		
		Width (ft):	Length (ft):	Avg. Depth (Max. Depth	
	Flow	Present? XY		Estimated (fi		+3/see	
	Downstre	am View Physi	cal Dimensions:				
	Riffle	Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth	(ft):
	☐ Run	Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth	(ft):
	Pool	Width (ft): 15	Length (ft):		(ft): 1.0ft		(ft): 1.51t
	Flow	Present? X Ye	s 🖺 No	Estimated (fi	³ /sec): 0.7	25 64 /sec	
	10%	alge -7 mos	mount of vegetation of the property of the pro	or algal growth at the asse	ssment site)		
***	Odor:	Seway		Chemical	None	Other:	
Ì	Color:	☑ Clear	Green	Gray	 Milky	Other;	
	Bottom Dep	oosit: 🔲 Sludg	e Solids	Fine sediments	None	Other:	
[Surface Dep	posit: 🗌 Oil	Scum	Foam	☐ None	Other: A	by - cystocan
*Theomiconic	is information prehensive the sision on the sision the sision on the sision the sision the sision that is the sision that it is	on is not to be used inderstanding of w ecreation use analy igned, hereby a rue and accura	solely for removal or ater conditions. Con ysis but may point to affirm to the best ate.	s (including information of a recreational use design sequently, this information conditions that need further of my knowledge, the Date:	ation but rathen is not intende er analysis or the	r is to provide a me ed to directly influe hat effect another t mation reporte	ore ence a use. ed on this UAA
Эrg	ganization:	MO DN	R - KCRO	Date:Position	i: Env	Specialio	7_

1201_001_DS





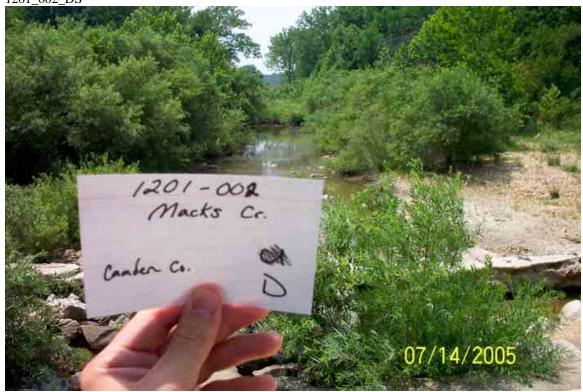
Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	121 000		Cita I anadan D	namintion	
Missouri WBID#:	101-00L		Site Location D	escription: ck Burch RJ. Com	nden Cu.
Site GPS Coordinates:					
Date & Time: +14	05 7:14 PM	<u> </u>	Facility Name:	Macks Creek S	c Ctiber 165
Personnel: Aaron	Bleibaun		Permit Number:		
Current Weather Condi	tions: Hum. J. C	ear Tot	Weather Condit	ions for Past 7 days: Ho	.De
Photo Ids: Upstream:	r	wnstream;			7* (
			<u>, </u>		
Uses Observed*:		 ,		 	1
Swimming	Skin diving	SCU	UBA diving	Tubing	Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boa	uting	Wading	Rafting
Hunting	☐ Trapping	☐ Fish	iing	None of the above	Other:
				-documentation of evidence	of recreational uses, etc.)
Roosters no Fish in stre	early		_		
Fish in stre	- downst	reason pool			
, , ,					
İ					
					·
Garage					
tems of interest.)	ns": (Mark all that	promote or imp	pede recreational i	ises. Attach photos of evider	nce or unusuat
City/county parks	Playgrounds	MDC cor	servation lands	Urban areas	Campgrounds
Boating accesses	☐ State parks	National:	forests	☐ Nature trails	☐ Stairs/walkway
No trespass sign	Eence	Steep slop	-		Hills, Timber Fam
		sitep and		25,040	MINS, MANNE , MANNE
Evidence of Human U	se*:				
Roads	☐ Foot paths/pri	ints D	ock/platform	Livestock Watering	RV / ATV Tracks
Rope swings	Camping Site	s 🔲 Fi	re pit/ring	☐ NPDES Discharge	Fishing Tackle
Other:					
Site Locations Map(s)	: Attach a map of	fentire segm	ent with assess	ment sites clearly label	ed. Mark any
other items that may be	of interest. (Incl	ude photogra	aphs)		
*Some of this information is				one particular recreational u	se analysis but
may point to conditions that	need further analysi	s or mat effect	anomer use.		
				•	

Page Two – WBID	# 1201-002	Data Sheet B -	Site Character	rization		
Stream Morpholog Upstream View	gy:	ensions:				
Riffle Width	(ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (f):
Run Width	(ft): 50	Length (ft): 150	Avg. Depth (fi): Oft	Max. Depth (f): DF+
Pool Width	(ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (f	t):
Flow Presen	ıt? ∐Yes ∫	No	Estimated (ft	³ /sec): Dr	1	
Downstream Vi	ew Physical D	imensions:			'	
Riffle Width	•	Length (ft):	Avg. Depth (ft):	Max. Depth (f	t):
Run Width	(ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (f	t):
Pool Width	(ft): 45	Length (ft): /00	Avg. Depth (ft): 1.0ft	Max. Depth (f	1): 1.5 FF
Flow Presen	ıt? ☐ Yes 💆	No No	Estimated (ft	³/sec):		
Aquatic Vegetation	ncks		growth at the asses	ssment site)		
Water Characteris Odor:	Sewage	that apply.) Musky	Chemical	None	Other:	
Color:	Clear	Green	Gray	Milky	Other:	
Bottom Deposit:	Sludge	☐ Solids	Fine sediments	None	Other:	
Surface Deposit:	Oil	Scum [Foam	None	Other:	
*This information is no comprehensive understa decision on the recreation. I, the undersigned.	t to be used solely anding of water co on use analysis bu , hereby affire	y for removal of a recre anditions. Consequent at may point to conditi	eational use design tly, this information ons that need furth	ation but rather is n is not intended t er analysis or that	s to provide a more to directly influence t effect another use	e ce a e.
datasheet is true an		John William	Date	7/14/05	_	
Signed:	Vo DNR	yy	Position	1: Ear. S	reculit	

1201_002_DS







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: Site GPS Coordinates:	201-003 N 38 00853 N	J193 03494		Islow H Cam	le Co.
Date & Time: 1/14/0	5 2:4011		Facility Name:	Marks Creek Si	C+: 10 118
Personnel:	01'/		Permit Number		
Current Weather Condit	4	4 85°F		tions for Past 7 days:	1 Dry
Photo Ids: Upstream:		vnstream: ≰	3 Oth		
1		<u> </u>	<u> </u>		
ses Observed*:					
Swimming	Skin diving	☐ SCI	UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boa	nting	Wading	Rafting
Hunting	☐ Trapping	Fish	ing	None of the above	Other:
Describe: (include numb	er of individuals rec	reating, needed	ney of use, photo	-documentation of evidence	on recreational uses, etc.)
Aquadic 1:fo	i in stream			uses. Attach photos of evide	
Aquadic 1:fe	ns*: (Mark all that p	promote or imp	ede recreational	uses. Attach photos of evide	ence or unusual
Aquadic 1: for a condition of interest.)	ns*: (Mark all that p	promote or imp	ede recreational	uses. Attach photos of evido	ence or unusual
Aquadic : fe	ns*: (Mark all that p	promote or imp	nede recreational servation lands forests	uses. Attach photos of evido Urban areas Nature trails	ence or unusual Campgrounds Stairs/walkway
Aquadic 1: for a condition of interest.)	ns*: (Mark all that p	promote or imp	nede recreational servation lands forests	uses. Attach photos of evide	Campgrounds Stairs/walkway
Aquadic for the state of interest.) City/county parks Boating accesses No trespass sign	Playgrounds State parks Fence	promote or imp	nede recreational servation lands forests	uses. Attach photos of evido Urban areas Nature trails	Campgrounds Stairs/walkway
Aquadic for the state of interest.) City/county parks Boating accesses No trespass sign	Playgrounds State parks Fence	mDC cor	nede recreational servation lands forests	uses. Attach photos of evide	Campgrounds Stairs/walkway
Aquadic for the condition of interest.) City/county parks Boating accesses No trespass sign	State parks Fence	oromote or imp MDC cor National Steep slop	pede recreational aservation lands forests pes	uses. Attach photos of evidence Urban areas \text{\text{Nature trails}} \text{\text{Cher: } \frac{1}{2} \text{\text{B}} \text{\text{Cher}} \tex	Campgrounds Stairs/walkway

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

∏ Riffle ☐ Run	View Ph Width (ft): Width (ft):	•	imensions:			
Run X Pool	Width (ft):	:	Y 11 (6)	A - D4 (0)	-	
X Pool	• • •		Length (ft):	Avg. Depth (ft)		Max. Depth (ft):
			Length (ft):	Avg. Depth (ft)		Max. Depth (ft):
⊠ Flow	Width (ft):		Length (ft): /5		1.711	Max. Depth (ft):
	Present?	Yes Yes	□ No	Estimated (ft ³ /s	ec): 0.5	ft 3/sec
ownstrea	ım View	Physical	l Dimensions:			
Riffle	Width (ft):	:	Length (ft):	Avg. Depth (ft)	:	Max. Depth (ft):
Run	Width (ft):	:	Length (ft):	Avg. Depth (ft)	:	Max. Depth (ft):
Pool	Width (ft):	60	Length (ft): 2	90 Avg. Depth (ft)	1.5ft	Max. Depth (ft): 2ft
Flow	Present?	X Yes	□ No	Estimated (ft ³ /s		F43/see
atic Vege 2% al			W Gravel 20	% Sand / / / / / / / / / / / / / / / / / / /	% Silt nent site)	% Mud/Clay / / % Bedro
2% al	190	(note amo	unt of vegetation or a	1	'	% Mud/Clay // % Bedro
2% al	190	(note amo		algal growth at the assess	'	% Mud/Clay // % Bedro
ع/ن ما	cteristic	(note amo	unt of vegetation or a	algal growth at the assess	ment site)	
2% al ter Chara Odor:	cteristics	(note amores s*: (Mark] Sewage	unt of vegetation or a	algal growth at the assessr	nent site)	Other:







